

Title (en)
Three-dimensional image display apparatus

Title (de)
Vorrichtung zur dreidimensionalen Bildwiedergabe

Title (fr)
Appareil d'affichage d'images tridimensionnelles

Publication
EP 0905988 A1 19990331 (EN)

Application
EP 98118143 A 19980924

Priority
JP 26660497 A 19970930

Abstract (en)
A three-dimensional image display apparatus of the invention can be easily operated by the operator while a three-dimensional image created by the apparatus is observed by him. A depth information maximum value acquisition circuit (101) acquires depth information contained in a first image signal. A parallax control circuit (102) controls the parallax amount of a second image signal on the basis of depth information contained in the first and second image signals such that an image corresponding to the second image signal can be three-dimensionally displayed in front of an image corresponding to the first image signal. A three-dimensional image synthesizer (103) synthesizes the first and second image signals which has been controlled by the parallax control circuit (102), on the basis of the parallax amount of each image signal, such that images correspond to that the first and second image signals in the three-dimensional display space. <IMAGE>

IPC 1-7
H04N 13/00; **G06F 3/00**

IPC 8 full level
G06F 3/00 (2006.01); **G06F 3/01** (2006.01); **G06F 3/033** (2006.01); **G06F 3/042** (2006.01); **G09G 5/00** (2006.01); **H04N 5/00** (2011.01); **H04N 13/00** (2006.01); **H04N 13/04** (2006.01)

CPC (source: EP KR US)
G06F 3/011 (2013.01 - EP KR US); **G06F 3/0304** (2013.01 - EP KR US); **H04N 13/10** (2018.04 - EP US); **H04N 13/117** (2018.04 - EP US); **H04N 13/156** (2018.04 - EP US); **H04N 13/366** (2018.04 - EP US); **H04N 13/15** (2018.04 - EP US); **H04N 13/189** (2018.04 - EP US); **H04N 13/204** (2018.04 - EP US); **H04N 13/31** (2018.04 - EP US); **H04N 13/324** (2018.04 - EP US); **H04N 13/341** (2018.04 - EP US); **H04N 2013/0081** (2013.01 - EP KR US)

Citation (search report)
• [X] EP 0679984 A1 19951102 - CANON KK [JP]
• [XA] EP 0735784 A2 19961002 - SANYO ELECTRIC CO [JP]

Cited by
WO2010058362A1; WO2011042479A1; WO2010010499A1; EP2348746A4; CN102804793A; EP2448276A3; EP2418866A3; EP2326101A4; EP2373044A1; EP2451167A4; EP2456218A3; EP2451168A4; EP2499835A4; EP3691260A4; CN102224738A; CN102598676A; EP2309463A3; EP1587329A4; EP2502424A4; EP2282550A1; US2012050485A1; GB2483432A; EP2395766A3; CN102447861A; EP2408215A3; EP2451165A4; EP2451170A4; WO2008038205A2; US8503869B2; US11080943B2; US10021377B2; WO2007063306A3; WO2008038205A3; WO2011013030A1; US9030533B2; CN102106153A; KR101035103B1; CN102854984A; AU2009275163B2; EP3454549A1; EP3861384A4; EP2387852A4; EP2287708B1; WO2011030234A1; WO2009083863A1; EP2437501A4; WO2005006181A3; US9307224B2; WO2004071102A1; EP2309463A2; WO2011059270A2; US8830231B2; US8842166B2; US8902298B2; US9001192B2; US9030467B2; US8508582B2; US8717405B2; US9979902B2; WO2020072034A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0905988 A1 19990331; JP H11113028 A 19990423; KR 19990030307 A 19990426; US 6313866 B1 20011106

DOCDB simple family (application)
EP 98118143 A 19980924; JP 26660497 A 19970930; KR 19980040878 A 19980930; US 15798098 A 19980922